

WHAT IS CLAIMED IS:

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1. A radio communication apparatus comprising:
receiving means for receiving data on a
communication line in accordance with a registration
sequence with a communication network; and
output means for outputting a communication charge
in accordance with the data received by said receiving
means.

10 2. The apparatus according to claim 1, further
comprising requesting means for requesting a radio
network to send the data on the communication line.

3. The apparatus according to claim 2, wherein said
requesting means requests the radio network, the
procedure of which has been changed, to send the data.

15 4. The apparatus according to claim 2, wherein said
requesting means requests the radio network to send data
relating to a collect call.

5. The apparatus according to claim 1, wherein the data
includes data for identifying a connecting network for
20 connecting the communication network and another network
which connects a communicating party.

6. The apparatus according to claim 1, wherein said
receiving means receives the data in accordance with a
roaming sequence.

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7. The apparatus according to claim 1, wherein said
receiving means receives time data on the communication

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line.

8. The apparatus according to claim 1, wherein said output means outputs a communication charge incurred by a collect call.

5 9. The apparatus according to claim 1, wherein said output means outputs a communication charge per unit of time.

10. The apparatus according to claim 1, wherein said output means outputs a communication charge incurred by

10 handover communication implemented by a roaming service.

11. The apparatus according to claim 1, wherein said output means stores the communication charge in a removable memory.

12. The apparatus according to claim 1, wherein said receiving means receives country data relating to the communication line.

13. The apparatus according to claim 1, wherein said output means outputs a communication history that includes the communication charge.

20 14. The apparatus according to claim 1, wherein said output means outputs a communication history in accordance with the data on the communication line.

15. The apparatus according to claim 1, wherein said output means outputs a communication history that

25 includes information indicating locations where calls are made.

16. The apparatus according to claim 1, wherein said output means outputs a communication history that includes information indicating a collect call.

17. The apparatus according to claim 1, wherein
5 identification data identifying the data communication apparatus is registered in the communication network in the registration sequence.

18. The apparatus according to claim 1, wherein said receiving means receives the data in an incoming-call
10 sequence.

19. The apparatus according to claim 1, wherein said receiving means receives the data in an outgoing-call sequence without specifying a connecting network for connecting the communication network and another network
15 to which a communicating party is to be connected.

20. A method for outputting a communication charge from a radio communication apparatus, comprising the steps of:

receiving data on a communication line in
20 accordance with a registration sequence with a communication network; and

outputting a communication charge in accordance with the data received at said receiving step.

21. A memory for storing a program comprising steps of:
25 receiving data on a communication line in accordance with a registration sequence with a

communication network; and

outputting a communication charge in accordance with the data received at said receiving step.

22. A radio communication apparatus comprising:

5 receiving means for receiving data on a communication line in accordance with a roaming sequence with a communication network; and

output means for outputting a communication charge in accordance with the data received by said receiving means..

23. A method for outputting a communication charge, comprising the steps of:

receiving data on a communication line in accordance with a roaming sequence with a communication network; and

outputting a communication charge in accordance with the data received at said receiving step.

24. A memory for storing a program comprising the steps of:

receiving data on a communication line in accordance with a roaming sequence with a communication network; and

outputting a communication charge in accordance with the data received at said receiving step.

25. A radio communication apparatus comprising:

receiving means for receiving data on a

communication line in accordance with an incoming call;
and

output means for outputting a communication charge
in accordance with the data received by said receiving
5 means.

26. A method for outputting a communication charge,
comprising the steps of:

receiving data on a communication line in
accordance with an incoming call; and

10 outputting a communication charge in accordance
with the data received at said receiving step.

27. A memory for storing a program comprising the steps
of:

receiving data on a communication line in
15 accordance with an incoming call; and

outputting a communication charge in accordance
with the data received at said receiving step.

28. A radio communication apparatus comprising:

20 sending means for sending an outgoing-call signal
to a communication network;

judging means for judging whether a request signal
for requesting data on a communication line should be
sent by said sending means, this depending upon whether
the outgoing-call signal includes data for specifying a
25 connecting network which connects the communication
network and another network connecting a communicating

party; and

output means for outputting a communication charge
in accordance with the data on the communication line.

29. A method for outputting a communication charge,
5 comprising the steps of:

sending an outgoing-call signal to a communication
network;

judging whether a request signal for requesting
data on a communication line should be sent at said
10 sending step, this depending upon whether the outgoing-
call signal includes data for specifying a connecting
network which connects the communication network and
another network connecting a communicating party; and
outputting a communication charge in accordance
15 with the data on the communication line.

30. A memory for storing a program comprising the steps
of:

sending an outgoing-call signal to a communication
network;

20 judging whether a request signal for requesting
data on a communication line should be sent at said
sending step, this depending upon whether the outgoing-
call signal includes data for specifying a connecting
network which connects the communication network and
25 another network connecting a communicating party; and
outputting a communication charge in accordance

with the data on the communication line.

31. A radio network comprising:

connecting means for connecting a radio terminal
via a radio channel; and

5 notification means for notifying the radio terminal
in a registration sequence of data on a communication
line for enabling the radio terminal to calculate a
communication charge.

32. A method for enabling a network to calculate a
10 communication charge, comprising the steps of:

executing a registration sequence between a radio
network and a radio terminal; and

transferring data on a communication line in the
registration sequence from the radio network to the
15 radio terminal for enabling the radio terminal to
calculate the communication charge.

33. A radio network comprising:

connecting means for connecting a radio terminal
via a radio channel; and

20 notification means for notifying the radio terminal
in accordance with a collect call of data on a
communication line for enabling the radio terminal to
calculate a communication charge.

34. A method for enabling a network to calculate a
25 communication charge comprising the steps of:

executing an incoming-call sequence between a radio

network and a radio terminal; and

transferring data on a communication line from the
radio network to the radio terminal for enabling the
radio terminal to calculate the communication charge in
5 a case where a collect call is specified in the
incoming-call sequence.

35. A radio network comprising:

connecting means for connecting a radio terminal
via a radio channel; and

10 notification means for notifying the radio terminal
of data on a communication line for enabling the radio
terminal to calculate a communication charge in a case
where a connecting network which connects the radio
network and another network connecting a communicating
15 party has been specified.

36. A method for enabling a network to calculate a
communication charge, comprising the steps of:

executing an outgoing-call sequence between a radio
network and a radio terminal; and

20 transferring data on a communication line from the
radio network to the radio terminal for enabling the
radio terminal to calculate the communication charge in
a case where the outgoing-call sequence is executed
without specifying a connecting network which connects
25 the radio network and another network connecting a
communicating party.

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